

Applicant: Craig Hardy
Application No.: Unassigned
Filing Date: Herewith
Docket No.: 1457-4 PCT/US
Page 3

B. Amendments to the Claims:

Please amend the claims as follows:

Claim 1. (Currently amended): A tooth-whitening composition comprising at least one whitening agent together with at least one film forming material wherein characterised in that the composition is in the form of a film which is water soluble and/or water dispersible.

Claim 2. (Currently amended): A composition according to claim 1, wherein the film dissolves or disperses upon contact with water over a period of time ranging from about 15 seconds up to about 120 minutes.

Claim 3. (Currently amended): A composition according to claim 1 ~~or claim 2~~, wherein the said film is self supporting, such that a carrier material is not required during use.

Claim 4. (Currently amended): A composition according ~~claim 1 to any one of the preceding claims~~, wherein the said film self-adheres to teeth.

Claim 5. (Original): A composition according to claim 4, wherein the aid film self-adheres to teeth in a time period of from 0.5 seconds to 2 minutes.

Claim 6. (Currently amended): A composition according to ~~any preceding~~ claim 1, wherein the composition further comprises any of the following, either alone or in combination: at least one plasticiser and at least one filler.

Claim 7. (Original): A composition according to claim 6, wherein the film forming polymer is selected from any of the following, either alone or in combination: polysaccharides, polyvinyl alcohol, polyvinyl pyrrolidone and polyacrylic acid based polymers.

Applicant: Craig Hardy
Application No.: Unassigned
Filing Date: Herewith
Docket No.: 1457-4 PCT/US
Page 4

Claim 8. (Original): A composition according to claim 6, wherein the film forming polymer is derived from cellulose.

Claim 9. (Currently amended): A composition according to ~~any one of~~ claim 6 to 8, wherein the film forming material constitutes from 0.1 to 99.9% w/w of the total composition.

Claim 10. (Original): A composition according to claim 6, wherein the plasticiser is selected from any of the following, either alone or in combination: polyhydric alcohols and sugar syrups.

Claim 11. (Currently amended): A composition according to claim 6 or ~~claim 10~~, wherein the plasticiser constitute from 0 to 80% w/w of the total composition.

Claim 12. (Currently amended): A composition according to claim 6, wherein the filler is selected ~~form~~ from any of the following either alone or in combination: silica, silicones, sodium sulphate, sodium bicarbonate, Pluronic surfactants, fatty acid compounds, sodium laureth sulphate and ethyl cellulose.

Claim 13. (Currently amended): A composition according to claim 1 ~~any of the preceding claims~~, wherein the whitening agent is peroxide based.

Claim 14. (Original): A composition according to claim 13, wherein the peroxide is hydrogen peroxide and/or urea peroxide.

Claim 15. (Currently amended): A composition according to ~~any one of the preceding~~ any one of the preceding ~~claim 1~~, wherein the whitening agent constitutes from 0.1% to 50% w/w of the total composition.

Applicant: Craig Hardy
Application No.: Unassigned
Filing Date: Herewith
Docket No.: 1457-4 PCT/US
Page 5

Claim 16. (Currently amended): A composition according to ~~any preceding~~ claim 1, wherein the composition comprises any of the following additional ingredients either alone or in combination: stabilisers, humectants, thickeners, preservatives, processing aids, colourants and flavourings.

Claim 17. (Original): A composition according to claim 16, wherein the processing aid is a silicone based compound.

Claim 18. (Currently amended): A tooth whitening composition according to ~~any preceding~~ claim 1, wherein the composition additionally comprises at least one further active agent selected from any of the following either alone or in combination: anti-plaque agents, antimicrobial agents, and anti-tartar agents, teeth strengthening agents, desensitizing agents, fluorides, mouth cleansing/freshening agents and soothing or pain relieving agents.

Claim 19. (Original): The use of a tooth-whitening composition as described in claim 1 for reducing discolouration on teeth.

Claim 20. (Original): A method for the manufacture of a tooth-whitening composition of claim 1 comprising the steps of:

preparing an aqueous mixture which comprises at least one agent together with at least one film forming material,
casting the said mixture onto a substrate and
allowing the mixture to dry.

Claim 21. (Original): A method for the manufacture of a tooth-whitening composition of claim 1 comprising the steps of:

applying to a pre-prepared water soluble film or a water dispersible film a whitening agent.

Applicant: Craig Hardy
Application No.: Unassigned
Filing Date: Herewith
Docket No.: 1457-4 PCT/US
Page 6

Claim 22. (Original): A method according to claim 21, wherein the whitening agent is applied to the film by spraying, heat pressure transfer or dip coating.

Claim 23. (Original): A composition as claimed in claim 1, wherein the composition does not sensitise teeth.